

AGC/WSDOT Structures Team Minutes

April 9, 2004

Members in Attendance

Attendees:	Company	Phone	E-mail
Barney Millard	Conc. Tech.	253-383-3545	mbarney@concretetech.com
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Casey Daniel	KLM Const.	253-297-2750	dcasey@klmci.com
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Hilmes Bob	WSDOT-ER	509-324-6232	Hilmesb@wsdot.wa.gov
Kapur Jugesh	WSDOT_HQ	360-705-7209	kapurju@wsdot.wa.gov
Madden Tom	WSDOT_UCO	206-768-5861	maddent@wsdot.wa.gov
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Smith Tobin	Max J. Kuney	509-535-0651	tobin@maxkuney.com

The meeting began at 9:00 AM. March 12, 04 meeting notes were reviewed and approved without any changes. Others attending the meeting:

Jim Schettler	Jacobs Civil
Don Schroeder	Wilder Construction (attended for Scott Ayers)
Jon Stanton	University of Washington professor
Jon Wacker	graduate research student
Dave Hieber	graduate research student

WSDOT's Response To Steel Price Escalation

The team discussed the directive to the Project Engineers concerning liberal interpretation of payment of materials on hand. Some members indicated that the directive would not address the steel price escalation directly. Steel structures require some engineering for the shop drawings before the steel can be procured. This time lag can be as long as three months.

Action Plan: No further discussions will be needed at this time.

Alternate Stirrup Details for Prestressed Girders (Fabricator's Perspective)

Jugesh handed out details of the alternate girder stirrups both for prestressed girders and boxes. The proposal did not match the option 2A discussed in the March meeting. Millard indicated that the proposed looped stirrups (proposed option 2A) at the top of the girders could not be placed. The harped strands interfere with placement.

Berry also indicated that any steel placed in the top 4" zone of the deck must be epoxy coated even if the stirrups have a 135-degree bends.

Action Plan: Barry and Jugesh will meet to resolve the need for epoxy coating all stirrups. Jugesh will develop a new proposal based on agreement with Barry and input from Millard for the next meeting.

Evaluation of The 14 Days Wait Before Backfilling Walls

No discussions.

Action plan: Discussions for this topic were deferred to the next meeting.

Vibration Limits Specifications

No discussions

Action Plan: Discussions for this topic were deferred to the next meeting

Precast Substructures

Dr. Stanton and two of his research assistants gave a presentation on use of precast bridge substructure. The precast substructure components are footings, columns, and crossbeams. Team members provided constructability input about each option.

Action Plan: No further action is needed

The meeting adjourned at 12:00 PM

Next meeting is on May 7, 04